FOX BROS. MFG. CO.

Saint Louis, Mo.

GRAND 9900

FOX BROS. MANUFACTURING CO.

SASH-DOORS
WOODWORK OF EVERY DESCRIPTION

OHIO AVE & SIDNEY ST.
SAINT LOUIS

WILLIAM R. FISHER
SALES ENGINEER

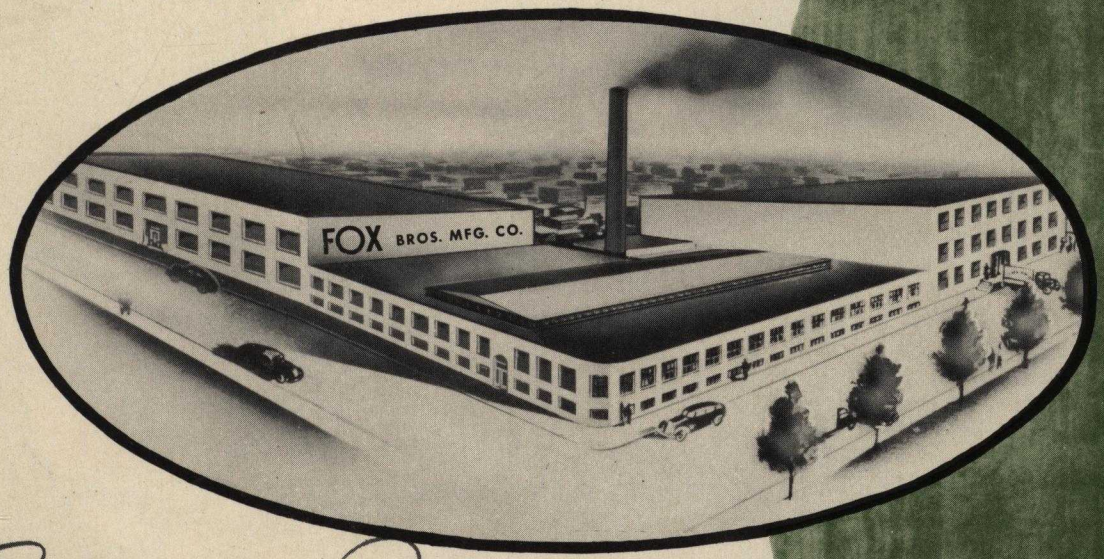
FEHLIG BROS. BOX & LUMBER CO.
ESTABLISHED 1873
LUMBER, BOXES & BUILDING MATERIAL

L. H. WULFMEIER
RES. FL. 0765

CHESTNUT 6900
19TH AND COLE STREETS
ST. LOUIS

ORGANIZATION

For 75 years, Fox Bros. Mfg. Co., has specialized in the production of millwork and wood products manufactured to architectural and engineering specifications. The St. Louis plant has the comprehensive facilities to manufacture any type of precision-built wood products required for large enterprises, such as institutions, housing projects, hotels and hospitals. Our woodworking craftsmen are members of the AF of L Union and have had many years of experience at their trade, and are adept at creating finished products exact in every detail.



MANUFACTURERS OF ARCHITECTURAL WOODWORK

Custom-built Millwork

FOX BROS. MANUFACTURING CO.

2717 SIDNEY STREET, ST. LOUIS 4, MISSOURI • GRAND 9900

P. O. BOX 187, KENILWORTH, N. J. • ROSELLE 4-1900

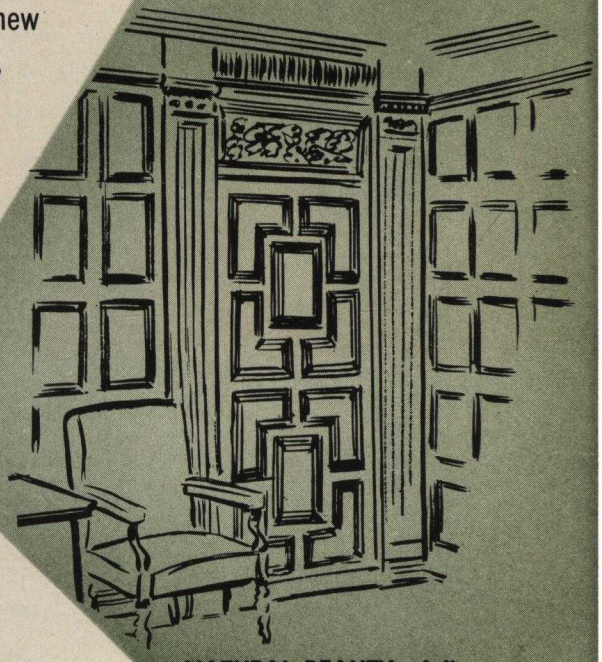
The oldest mill in St. Louis, established in 1874

3 quarters of a century of progress

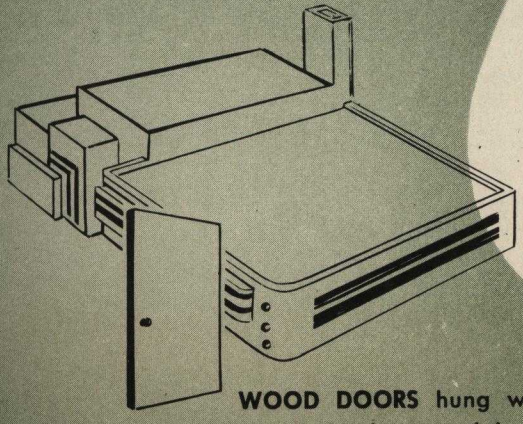
It is traditional for a firm celebrating its Diamond Jubilee of 75 years of progress—never to cease in its efforts to perpetuate man's comfort and security. Confronted as always with this ever challenging effort, once again it finds itself charted into new channels of enterprise, linking the old with with the new. The application

of modern chemistry to the world's oldest living thing—and most persistent reproducer—trees. At last, modern chemistry has endowed the skilled woodwork craftsman with another great triumph, the assurance that his creative efforts will not be destroyed by fire. As it enters the fourth quarter of a century of progress, this firm now dedicates itself to the perpetuation and improvement in this field.

LASTING PROTECTION—Doors of fireproofed wood in New York City's Belmont Hotel, removed after 30 years' service, were found still fire resistant.

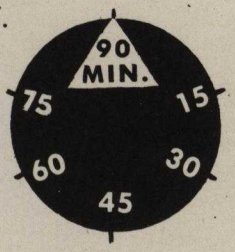


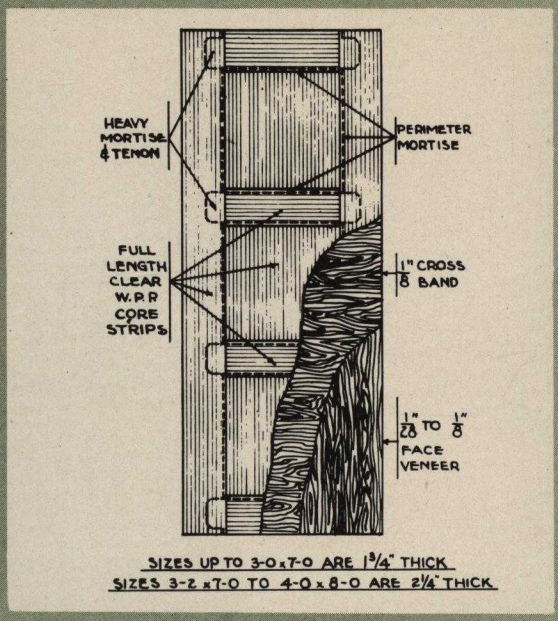
NATURAL BEAUTY of fire-retardant wood retained —no change in color.



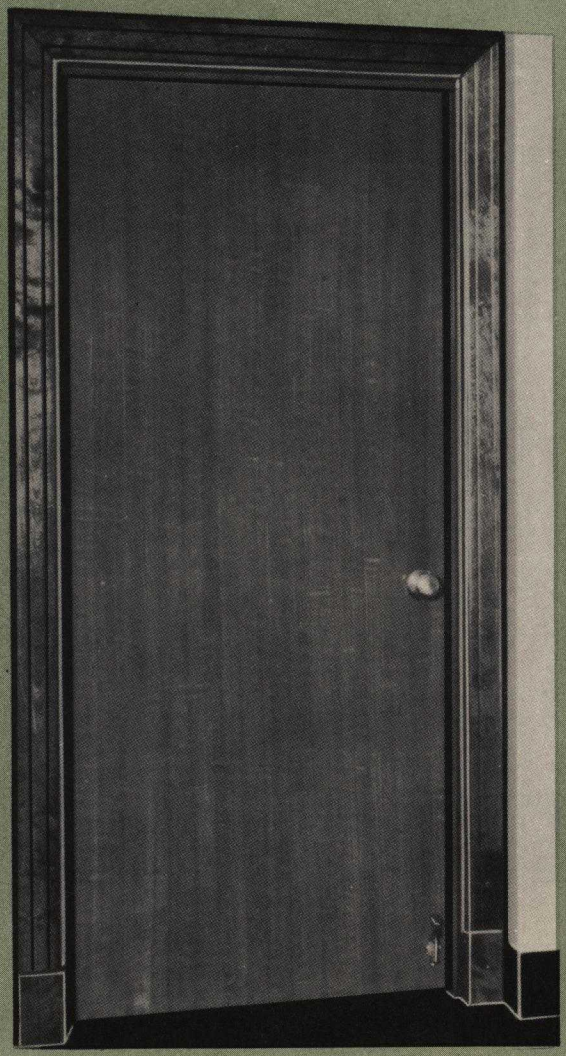
WOOD DOORS hung with smaller clearances than metal doors, are better smoke barriers.

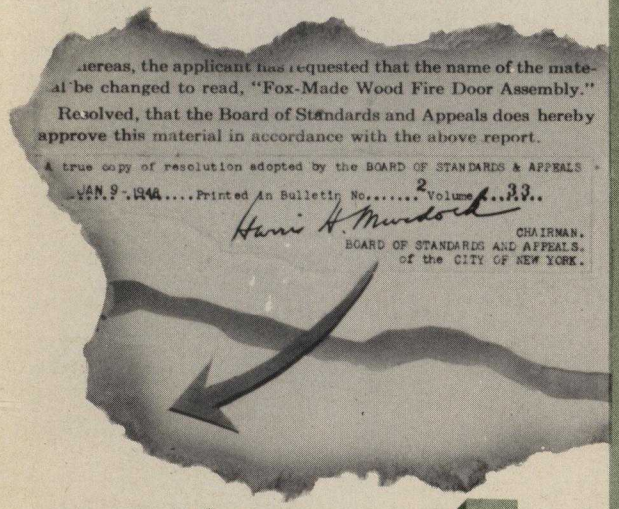
Sectional view of Fox-Made Wood Fire Door, treated with PROTEXOL process, modern chemistry's greatest wood discovery — impregnated wood that is FIRE, TERMITE and DECAY resistant. The core and cross banding and edge strip is impregnated with PROTEXOL Class A treatment, which meets the requirements of the Underwriters' Laboratories, Inc., the U. S. Government, and the New York City Building Code; also ASTM specifications E160-46 or E69-46T.




HEAVY MORTISE & TENON
PERIMETER MORTISE
FULL LENGTH CLEAR W.P.R. CORE STRIPS
1" CROSS BAND
1/28 TO 1/8 FACE VENEER
SIZES UP TO 3-0 x 7-0 ARE 1 3/4" THICK
SIZES 3-2 x 7-0 TO 4-0 x 8-0 ARE 2 1/4" THICK

Fox-Made Wood Fire Doors have a 60-minute approval of the Board of Standards and Appeals of New York City, and by many other city and state fire authorities. Under gruelling ASTM tests, Fox-Made Wood Fire Doors reveal a transmittal temperature of 210 degrees F. on a 1¾" thick door; 130 degrees F. on a 2¼" thick door—where applied temperatures reach in excess of 1700 degrees F. after a period of 60 minutes of exposure. (A 90-minute door will be announced shortly.) With their extremely low transmittal value, Fox-Made Wood Fire Doors provide an opportunity for definitely preventing the spread of fire through communicating openings.





...ereas, the applicant has requested that the name of the material be changed to read, "Fox-Made Wood Fire Door Assembly."

Resolved, that the Board of Standards and Appeals does hereby approve this material in accordance with the above report.

A true copy of resolution adopted by the BOARD OF STANDARDS & APPEALS

JAN 9 1948 ....Printed in Bulletin No. 2 Volume 33

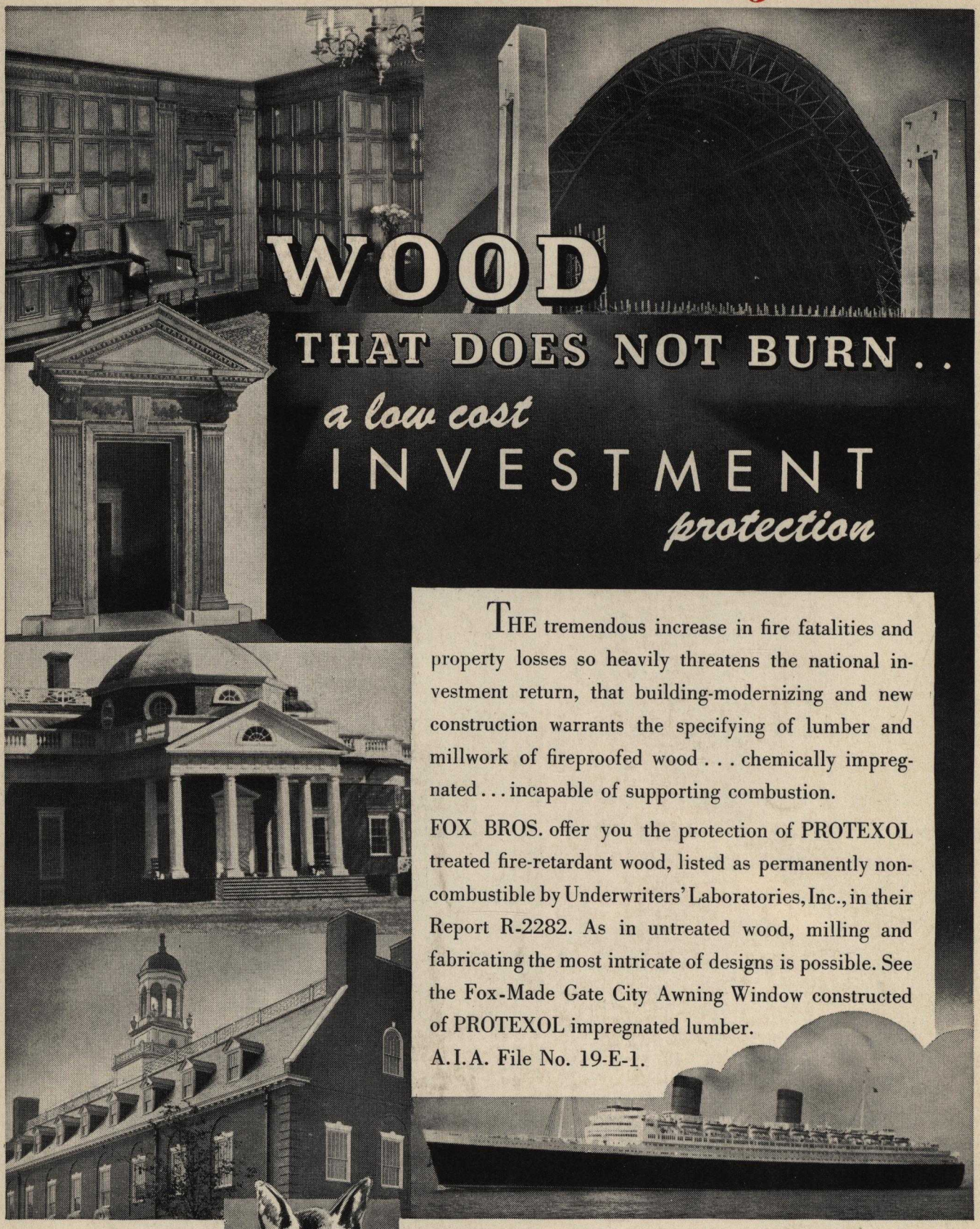
Harris A. Murdock

CHAIRMAN,
BOARD OF STANDARDS AND APPEALS,
of the CITY OF NEW YORK.

OK

BY NEW YORK'S BOARD OF STANDARDS & APPEALS

This Insert Appears in the 1948
Architectural Section of *Sweet's Catalog Service*



WOOD
THAT DOES NOT BURN . .
a low cost INVESTMENT *protection*

THE tremendous increase in fire fatalities and property losses so heavily threatens the national investment return, that building-modernizing and new construction warrants the specifying of lumber and millwork of fireproofed wood . . . chemically impregnated . . . incapable of supporting combustion.

FOX BROS. offer you the protection of PROTEXOL treated fire-retardant wood, listed as permanently non-combustible by Underwriters' Laboratories, Inc., in their Report R-2282. As in untreated wood, milling and fabricating the most intricate of designs is possible. See the Fox-Made Gate City Awning Window constructed of PROTEXOL impregnated lumber.

A.I.A. File No. 19-E-1.

Free:

write for colorful brochure A. I. A. No. 19 19:A:33. Covers Fox-Made Wood Fire Door test and approval.

FOX BROS. MANUFACTURING CO.

2717 SIDNEY STREET, ST. LOUIS 4, MISSOURI • P. O. BOX 187, KENILWORTH, N. J.

MANUFACTURERS OF ARCHITECTURAL WOODWORK

Custom-built Millwork

Comparative Heat Transmission of Fire-Proofed Doors

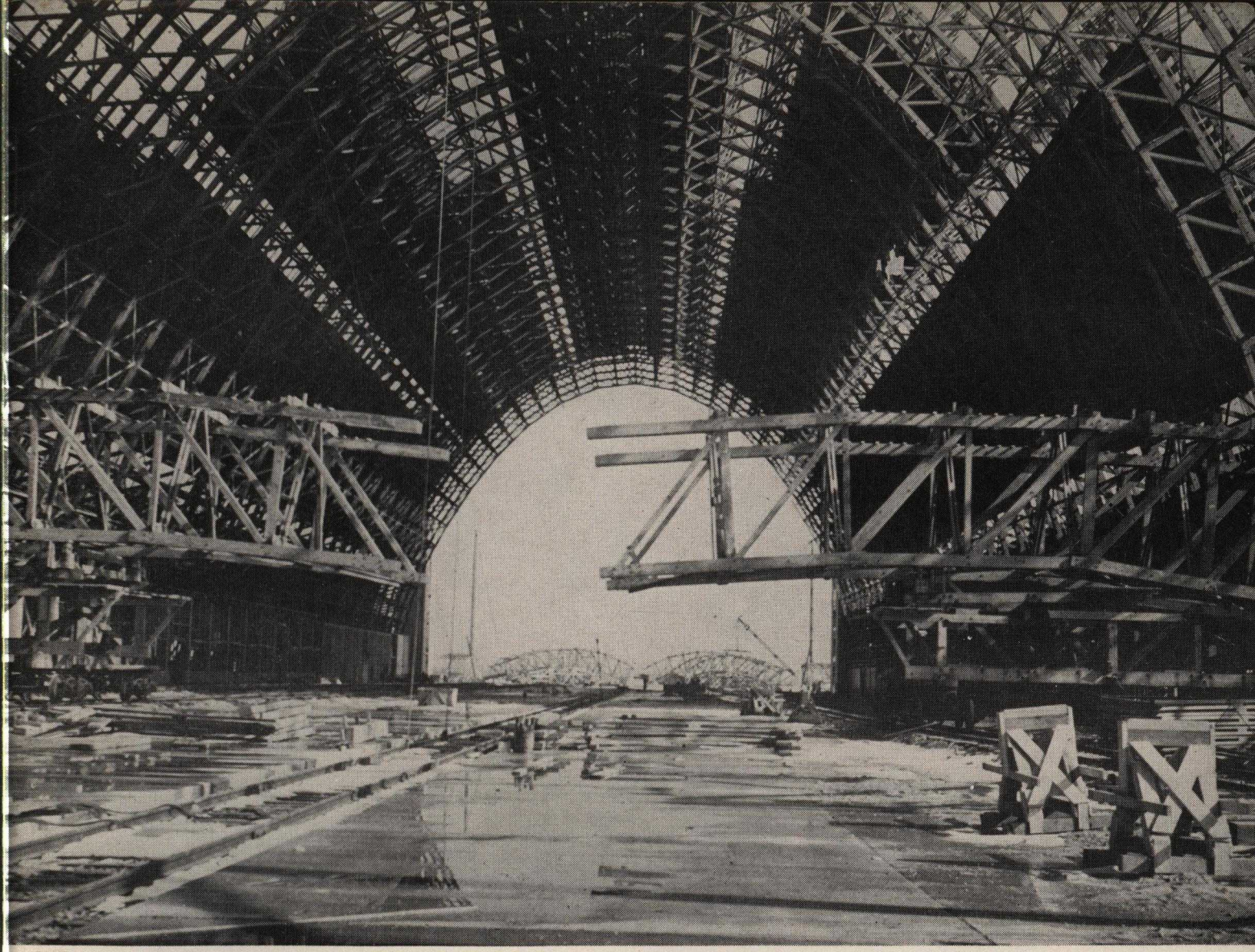
Time in Minutes	*Standard Wood Fire-proofed	**Fox-Made 60-minute Fire-proofed	**Fox-Made 90-minute Fire-proofed	*Kalamein	*Hollow Metal
5	82	70	80	184	161
10	83	70	80	192	397
15	88	70	80	222	590
20	92	72	80	327	700
25	98	85	80	460	722
30	115	95	80	610	818
35	128	110	80	702	884
40	143	118	85	753	938
45	162	142	90	793	1,005
50	180	172	95	802	1,058
55	201	195	105	810	1,079
60	210	200	118	798	1,095
65			130		
70			157		
75			180		
80			200		
85			213		
90			230		

* Extract from Hearings Before U. S. Senate Commerce Committee.

** Official Records of the Board of Standards and Appeals of New York City.

FOX BROS. MFG. CO.

October 7, 1948



THE BIGGEST *FIRE TRAP* EVER BUILT

—Only it will *NEVER* burn!

World's Largest Timber Structure. *One of the many built for the U. S. Navy which* ***Protexol*** *completely fireproofed. The permanent, proven value of* ***Protexol*** *Pressure Processed material against fire, decay and insects has led to the use of millions of feet by general industry.*

Protexol Chemicals are Impregnated *into the wood by standard vacuum-pressure methods, assuring deep penetration and full protection of every surface.*

Protexol Fireproofs Wood *permanently. Nothing to dry out or evaporate. It is durable as best indicated by record of 50 years in commercial service.*

Protexol Pressure Process *and chemicals have no material effect on strength. The same values assigned to untreated wood may be used in calculating loads and stresses.*

Fire Protection Assured. *Guaranteed to meet performance requirements of the American Society for Testing Materials. Approved by Fire Insurance Underwriters.*

Protexol Fireproofed Wood Products, *Fabricated to Architectural and Engineering details, are now available through our extensive treating and fabricating facilities. For details see Circ. 113 or write nearest office for full information on specific questions.*

Protexol Corporation, 55 Market St., Kenilworth, N. J.

FOX BROS. MANUFACTURING CO.

2717 Sidney St., St. Louis 4, Mo.

Manufacturers of Architectural Woodwork

Custom-built Millwork

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